

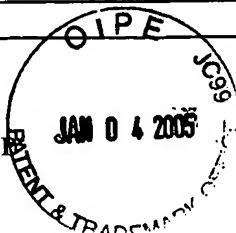
## ISSUE AND PUBLICATION FEE TRANSMITTAL

Express Mail No. ER 843 147 226 US

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advanced orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

## CURRENT CORRESPONDENCE ADDRESS

Customer Number 048591  
**MORGAN, LEWIS & BOCKIUS LLP**  
 1111 Pennsylvania Avenue, N.W.  
 Washington, D.C. 20004



Note: The certificate of mailing below can only be used for domestic mailings of the Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

## Certificate of Mailing

I hereby certify that this Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop Issue Fee address above on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTY'S DOCKET NO.	CONFIRMATION NO.
10/635,182	08/05/2003	Eng-Chew Cheah	060889-0100	9270

## TITLE OF INVENTION: SEMICONDUCTOR PACKAGE WITH IMPROVED THERMAL CYCLING PERFORMANCE, AND METHOD FOR FORMING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	02/07/2005

EXAMINER	ART UNIT	CLASS-SUB CLASS
Roman, Angel	2812	257-782000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed

1. **Morgan, Lewis & Bockius LLP**

2.

3.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE:

ALTERA CORPORATION.

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Jose, CA

Please check the appropriate assignee category or categories (will not be printed on the patent)

Individual  corporation or other private group entity  government

## 4a. The following fee(s) are authorized:

Issue Fee  
 Publication Fee  
 Advanced Order - # of Copies

## 4b. Payment of Fee(s):

A check in the amount of the fee(s) enclosed  
 Payment by credit card. Form PTO-2038 is attached.  
 The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0310 (enclose an extra copy of this form).

COMMISSIONER FOR PATENTS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Attorney Francis E. Morris Reg No. 24,615

(Date)

January 4, 2005

01/07/2005 RFEKADU2 00000013 500310 10635182

01 FC:1501

1400.00 DA

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)



EXPRESS MAIL NO. ER 843 147 226 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Cheah, et al. Confirmation No.: 9270  
Serial No.: 10/635,182 Art Unit: 2812  
Filed: August 5, 2003 Examiner: Roman, Angel  
For: *SEMICONDUCTOR PACKAGE  
WITH IMPROVED THERMAL  
CYCLING PERFORMANCE, AND  
METHOD OF FORMING SAME* Attorney Docket No: 60889-0100 US

**ISSUE FEE TRANSMITTAL COVER LETTER**

BOX ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22323-1450

Sir:

Enclosed please find Form PTOL-85B and a copy thereof authorizing payment of the issue fee for the above-identified application. Please charge the issue fee, estimated to be \$1400.00, and any additional fees that may be required, to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310.

A copy of this letter is enclosed.

Respectfully submitted,

Date: January 4, 2004

By: Francis E. Morris  
Francis E. Morris, Esq.  
Reg. No. 24,615  
Correspondence Address:  
MORGAN, LEWIS & BOCKIUS LLP  
101 Park Avenue  
New York, N.Y. 10178-0060